

COPPER DISSOLVER PROCESS

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Abstract of CA2262186

A method for dissolving copper metal comprising circulating an aqueous solution of monoethanolamine through a bed of copper metal, and simultaneously passing a source of oxygen through the bed of copper metal; an apparatus for dissolving copper metal comprising a receptacle for containing copper metal, a receptacle for containing an aqueous solution of monoethanolamine, means for pumping the monoethanolamine from the receptacle containing the monoethanolamine to the receptacle containing the copper metal, and pressure means for providing air to the receptacle containing the copper metal; and a process for preserving wood wherein the wood is infiltrated with gaseous carbon disulfide, and impregnated with an aqueous solution of copper ions and dimethylamine, are disclosed.

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